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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: October 12, 2004
(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/812,389
Filing Date	03/30/2004
First Named Inventor	S. RAGHUKUMAR
Group Art Unit	1652
Examiner Name	Unassigned

Attorney Docket Number 056859-0198

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (# known)			
SF	A1	5,340,594		Barclay	08-23-1994	
	A2	5,340,742		Barclay	08-23-1994	
	A3	5,908,622		Barclay	06-01-1999	
	A4	6,410,282	B1	Kumar et al.	06-25-2002	
	A5	6,451,567	B1	Barclay	09-17-2002	
	A6	6,461,839	B2	Yokochi et al.	10-08-2002	
SF						

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (# known)				
SF	A7	JP	10 310555	A	Nagase Sangyo KK	11-24-1998		Abst.
SF	A8	JP	10 310556		Agency of Ind. Sci. & Technology	11-24-1998		Abst.

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
SF	A9	PRATIMA BAJPAI et al., "Eicosapentaenoic acid (EPA) production from microorganisms: a review", <i>Journal of Biotechnology</i> , Vol. 30, (1993), pp. 161-183.	
	A10	AJAY SINGH et al., "Microbial Production of Docosahexaenoic Acid (DHA, C22:6), <i>Advances in Applied Microbiology</i> , Vol. 45, pp. 217-312.	
	A11	TOM E. LEWIS et al., "The Biotechnological Potential of Thraustochytrids, "Marine Biotechnology, Vol. 1, (1999), pp. 580-587.	
	A12	T. YOKOCHI et al., "Optimization of docosahexaenoic acid production by <i>Schizochytrium limacinum</i> SR21", <i>Applied Microbiol Biotechnol</i> , Vol. 49, (1998), pp. 72-76.	
	A13	IWAO IIDA et al., "Improvement of Docosahexaenoic Acid Production in a Culture of <i>Thraustochytrium aureum</i> by Medium Optimization", <i>Journal of Fermentation and Bioengineering</i> , Vol. 81, No. 1, (1996), pp. 76-78.	
	A14	R. D. PODOLSKY et al., "Separating the Effects of Temperature and Viscosity on Swimming and Water Movement by Sand Dollar Larvae (<i>Dendraster Excentricus</i>)", <i>J. exp. Biol.</i> , Vol. 176, (1993), pp. 207-221.	
SF			

Examiner Signature

/Susan Fernandez/

Date Considered

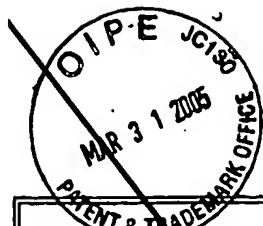
06/18/2006

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¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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SHEET 1 OF 1

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO. 10/812,389
INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)		APPLICANT RAGHUKUMAR et al.	
		FILING DATE March 30, 2004	GROUP ART

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	1	6,607,900	8/19/2003	Bailey et al.	435	134	
	2	6,607,900 (redacted)	8/19/2003	Bailey et al.	435	134	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

3	Bhargava et al.; "Pulsed Feeding During Fed-Batch Aspergillus Oryzae Fermentation Leads to Improved Oxygen Mass Transfer"; <i>Biotechnol Prog.</i> ; May-June 1003; 19(3):1091-1094; PMID: 12790687 (abstract)
4	Daniels et al.; "Chapter 5: Phase Equilibria"; <i>Physical Chemistry 3rd Ed.</i> ; 1966; pp. 135, 141 (redacted)
5	Demain et al.; "Manual of Industrial Microbiology and Biotechnology"; ASM Press, Washington, D.C.; 1999; pp. 56, 64 (redacted)
6	Oldshue; "Chapter 4: Agitation"; <i>Fermentation and Biochemical Engineering Handbook</i> ; Vogel, Ed. 1983; pp. 118, 154) (redacted)
7	Sriram et al.; "Oxygen Supply Without Gas-Liquid Film Resistance to Xanthomonas Campestris Cultivation"; <i>Biotechnol Bioeng.</i> ; September 20, 1998; 59(6):714-723; PMID: 9010099392 (abstract)
8	Yoon et al.; "Production of Poly-γ-glutamic Acid by Fed-Batch Culture of <i>Bacillus licheniformis</i> "; <i>Biotechnology Letters</i> ; 2000; 22:585-588
9	Yoon et al.; "Production of Poly-γ-glutamic Acid by Fed-Batch Culture of <i>Bacillus licheniformis</i> "; <i>Biotechnology Letters</i> ; 2000; 22; p. 585 (redacted)

EXAMINER	DATE CONSIDERED
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